

## ABSTRACT OF THE DISCLOSURE

The present invention sets out to provide X-ray fluorescence analysis apparatus having an easily detached protective sheath having a structure where conduction is provided between a <sup>cable</sup> core and a shield when the high-voltage connector is open. A pipe-shaped sheath having threading corresponding to a fixing screw connecting to a shield of the high-voltage connector is provided, and a conductor <sup>11</sup> touching with the core is provided at the other end of the sheath. When the sheath is then fitted to the high-voltage connector, the core of the high-voltage connector and the shield <sup>cable</sup> conduct.

become electrically joined